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In March 1948, a Diesel-electric station with a rated power of 1,200 kilowatts was put into operation in Syedan-Geomshlakh Ali-Bayramlinak Rayon, together with the first two electrified pumping stations. These stations proved satisfactory, and the difficulties which were encountered during the operation of the earlier shore pumping stations were overcome. During the 1948 irrigation season, the pumps were operated 22,926 hours and provided 30,834 cubic meters of water for irrigating up to 3,500 hectares of farmland.

The design of these stations has been firmly established and in the future they will be produced serially. Kura-Araksvoistroy has built special wharves on the shores of the Kura River to launch the stations, and to aid in their construction. Completed pontoons and entire equipment assemblies are being produced on the wharves. The pontoons measure 5.0 x 16.0 x 1.75 meters, have a welded metal frame, and are covered with 5- to 6-millimeter sheet iron. The two unit assembly installed in the pontoon includes a 16 MDN centrifugal pump, made at the factory imeni Kalinin, with an output of 375 liters per second under a pressure of 10 meters at 730 rpm, and a 60-kilowatt 220/380-volt electric motor.

The present cost of one electrified pumping station was set at about 361,000 rubles.

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- 2 -

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